



DEPARTMENT OF THE NAVY  
NAVAL AIR SYSTEMS COMMAND  
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS  
WASHINGTON, DC 20361-0001

IN REPLY REFER TO

NAVAIRINST 5400.134  
AIR-1002  
18 Sep 89

NAVAIR INSTRUCTION 5400.134

From: Commander, Naval Air Systems Command

Subj: DESIGNATION OF FLEET ELECTRONIC WARFARE SUPPORT GROUP AND NORTH ATLANTIC TREATY ORGANIZATION (NATO) MULTISERVICE ELECTRONIC WARFARE SUPPORT GROUP PROGRAM (PMA212)

Ref: (a) Joint Memorandum of Agreement between Space and Naval Warfare Systems Command and Naval Air Systems Command of 22 May 87 (NOTAL)  
(b) Office of the Chief of Naval Operations 3420 memo 956C2/6U289 of 4 Sep 86 (NOTAL)  
(c) NAVAIRINST 5400.1B  
(d) NAVAIRINST 5400.108  
(e) NAVAIRINST 5400.14C  
(f) DOD Directive 5000.1 of 1 Sep 87  
(g) SECNAVINST 5000.1C  
(h) NAVAIRINST 1611.1G

Encl: (1) Charter for the Fleet Electronic Warfare Support Group (FEWSG) and North Atlantic Treaty Organization (NATO) Multiservice Electronic Warfare Support Group (MEWSG) Program Office (PMA212)

1. Purpose. To continue the Fleet Electronic Warfare (EW) Support Group (FEWSG) Program and North Atlantic Treaty Organization (NATO) Multiservice EW Support Group (MEWSG) Program as a coordinated program under direction of the Commander, Naval Air Systems Command (COMNAVAIR); assign the program manager (PM); issue a charter that provides the program's scope, operating relationships, organization and resources, and outlines the authority and responsibility of the PM.

2. Cancellation. This instruction cancels NAVAIR Notice 5400 of 22 June 1987.

3. Background

a. The Joint Memorandum of Agreement between Space and Naval Warfare Systems Command (SPAWAR) and Naval Air Systems Command (NAVAIR) of 22 May 1987 (reference (a)), transferred the following components of FEWSG from SPAWAR to NAVAIR:

- (1) FEWSG airborne EW systems.
- (2) FEWSG large aircraft program.
- (3) FEWSG aircraft update program.



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(4) FEWSG EW simulation assets.

(5) FEWSG effectiveness of naval EW systems.

The FEWSG was established in 1968 and became a separate command within the operating forces on 1 July 1969, under the operational control of the Commander in Chief, United States (U.S.) Atlantic Fleet. The unique services of the FEWSG are in demand within and outside the U.S. Navy. EW is an integral part of all forms of modern warfare.

b. The NATO MEWSG was formed in 1978, within the NATO force structure, to provide EW training for NATO maritime, air and land based forces. NATO's North Atlantic Council approved the use of NATO infrastructure funds to acquire, refurbish, and equip three large EW aircraft for Phase IIA of the NATO MEWSG Program, 18 June 1986. The U.S. has been designated as the "Host Nation" for the NATO MEWSG Phase IIA program, responsible for execution of this infrastructure program. NATO will provide all funds required for the conduct of this program, including funding of a dedicated NATO MEWSG phase IIA program team, per reference (b).

c. The FEWSG/NATO MEWSG programs were designed as an Air Program Coordination (APC) Office (APC212) within NAVAIR, 22 May 1987. The status of APC212 was changed to Program Management Air (PMA212), 9 May 1988.

d. CAPT L. Laddie Coburn, USN, was designated as APC212, 22 May 1987. After the organizational code was changed to PMA212, 9 May 1988, CAPT Coburn continued to execute management responsibilities, as PM of PMA212, through 15 June 1989. This information is provided for historical and tracking purposes.

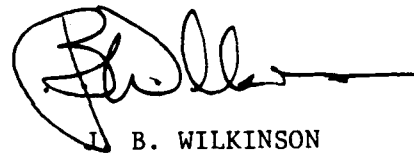
#### 4. Action

a. Effective 16 June 1989, CAPT (Sel) Dennis E. Fandrei, USN, was designated as PM for PMA212 to execute the program following direction provided by references (a) through (h), enclosure (1), and other applicable directives issued by higher authority. The PM receives authority from, and is ultimately responsible and accountable to COMNAVAIR for discharge of the latter's responsibilities for management of PMA212. PMA212 reports to COMNAVAIR via the Program Director Air (PDA) for EW and Mission Support Programs (PDA12), per references (c), (f), and (g). PDA12 has line authority and is directly responsible for providing supervisory oversight, monitoring and evaluating the ongoing performance of the FEWSG and NATO MEWSG programs throughout their life cycle, makes recommendations as appropriate, and advises COMNAVAIR of program status and progress. The PM and PDA will keep the NAVAIR Acquisition Executive and Deputy Commander for Operations (AIR-01) informed on program status.

b. The functional organizations of NAVAIRHQ will support the PMA as specified in references (c) through (e), enclosure (1), and other applicable directives issued by higher authority.

c. System commands will support the PMA, per assigned material support responsibilities.

5. Approval. The charter (enclosure (1)) is hereby approved.



J. B. WILKINSON

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CHARTER  
FOR THE  
FLEET ELECTRONIC WARFARE SUPPORT GROUP (FEWSG)  
AND  
NORTH ATLANTIC TREATY ORGANIZATION (NATO)  
MULTISERVICE ELECTRONIC WARFARE SUPPORT GROUP (MEWSG)  
PROGRAM OFFICE (PMA212)

- Ref: (a) Joint Memorandum of Agreement between Space and Naval Warfare Systems Command and Naval Air Systems Command of 22 May 87 (NOTAL)  
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1. Introduction

a. This charter establishes the authority and responsibility of the program manager (PM) for the Fleet Electronic Warfare (EW) Support Group (FEWSG) and the North Atlantic Treaty Organization (NATO) Multiservice EW Support Group (MEWSG) Program (PMA212). The program's scope, operating relationships, organization, and resources are outlined in this charter.

b. PMA212 will be conducted following management principles identified in references (a) through (h), this charter, and other applicable directives issued by higher authority.

2. Systems Description

a. The FEWSG Program comprises several individual programs which provide EW aircraft assets and services to the Commander, Fleet Electronic Warfare Support Group, which reports to the Commander in Chief, U.S. Atlantic Fleet. The FEWSG assets include: Electronic systems which are used to simulate threat electronic countermeasures (ECM)/electronic counter-countermeasures (ECCM) capabilities against ship/aircraft search, acquisition and targeting radars and Fleet communications, and to simulate threat anti-ship missiles. Various Navy and contractor operated aircraft are used to carry these equipments internally and in removable external pods. The electronic systems are made up of sub-systems and equipments which detect and process signals employing electronics surveillance measures and generate active jamming ECM in support of fleet training, development test (DT) and operational test (OT) of Navy weapon systems, and tactics development. Airborne computers and microprocessors are used to process signals and determine response effectiveness, while employing ECCM techniques.

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b. The Effectiveness of Navy Electronics Warfare Systems (ENEWS) Program is a special Office of the Chief of Naval Operations (OPNAV) (OP-098), Research Development Test and Evaluation, Navy (RDT&EN) program to provide threat anti-ship cruise missile simulators for DT/OT of Naval weapons systems. This program uses extensive and complex computer and laboratory simulation techniques to conduct research and development on projected EW threats, determine counter tactics, and establish hardware/software design characteristics necessary to accurately simulate evolving EW threat systems capability. Full scale research and development testing is conducted with flyable simulators on Naval Research Laboratory P-3 laboratory aircraft.

c. The NATO MEWSG Program includes MEWSG Phase IIA, which involves PMA212 as the U.S. Host Nation agent, to procure three large, transoceanic jet aircraft and install EW systems and equipment similar to those used by FEWSG in the ECM/ECCM Services Large Aircraft Program. NATO has authorized and funded the procurement of the AN/Alt-40 high power radar jammer for these aircraft. NATO MEWSG also involves continued procurement of special electronics equipment and pods to be employed by the NATO MEWSG operational staff in Yeovilton, United Kingdom.

### 3. Scope

a. The scope of the program functions consists of the research, development, test and evaluation, acquisition, production, and life cycle support of the systems and equipments required to support the FEWSG/NATO MEWSG programs. This includes the acquisition and management of the contractor services necessary to support the FEWSG mission. These program functions apply to operational aircraft, equipments and software, spares, repair parts, peculiar support equipment, test equipment, training equipment, and operating and maintenance documentation.

b. Funds assigned to the FEWSG and ENEWS programs for obligation in the execution of program objectives are provided in the following program elements: Aircraft Procurement, Navy 0204575N; RDT&EN 0604270N and 0604255N; Operations and Maintenance, Navy 0702827N, 0804771N, and 0702207N.

c. Following reference (b), the NATO MEWSG Program is funded by NATO. Funding is via the Naval Facilities Engineering Command (NAVFACENGCOM), which converts NATO infrastructure funds to an appropriation funding line of U.S. Military Construction, Navy format.

d. All PMA212 acquisition programs are category IV. There is no requirement for an acquisition category for the NATO MEWSG Program.

### 4. Authority and Responsibilities

a. Mission. Effective 16 June 1989, CAPT (Sel) Dennis E. Fandrei, USN, was assigned as PMA212 to develop and procure aircraft, special EW, and other avionics assets to support the operational requirements of both FEWSG and NATO MEWSG operational units. This procurement effort may also involve aircraft and equipment modifications to allow FEWSG and NATO MEWSG aircraft and equipment platforms to utilize such specially configured EW and other avionics

assets. To support these specialized development and procurement requirements, close coordination with other program offices in the Naval Air Systems Command (NAVAIR), Naval Sea Systems Command (NAVSEA), Space and Naval Warfare Systems Command (SPAWAR), and NAVFACENGCOM is required.

b. General. The PM is the single central executive responsible for successfully managing the programs and accomplishing the objectives stated in this charter. PMA212 has broad directive authority within the scope of the program to plan, direct, control, and use resources not only of the approved program but also program related in-house and contractor organizations, including assignment of responsibility as appropriate to the various Naval Air Systems Command Headquarters (NAVAIRHQ) functional organizational elements within the overall framework outlined in references (c) through (e). As the responsible executive, the PM is expected to act on matters affecting the program. In those cases where action is required beyond the authority granted in this charter, the PM will refer action to higher authority with recommendations, including alternatives available.

c. Specific Authority and Responsibilities. The PM is authorized to prepare and sign fitness reports for all military personnel (junior to the PM) assigned full time to PMA212, and concurrent fitness reports on all officers working for the PMA in functional management under the authority of this charter and reference (h). The PM is also authorized to execute performance evaluations applicable for civilian personnel assigned full time to this office and concurrent evaluations on personnel supporting PMA212 in functional management and field activities.

5. Limitation of Authority. The PM's authority is limited as follows:

a. The PM does not have authority to deviate from policy established by higher authority.

b. Communication, action, or inaction in any form which contractors may interpret as directional will be conducted only through an appropriately assigned contracting officer.

6. Relationships to Chartering Authority. The PM receives authority from and is ultimately accountable to the Commander, Naval Air Systems Command (COMNAVAIR) for discharge of the latter's responsibility for management of PMA212. The PM reports directly to the Program Director Air for EW and mission support Programs (PDA12), per references (c), (f), and (g). PDA12 provides policy determination and requirements definition. Situations requiring COMNAVAIR's attention will first be coordinated with PDA12 who will, if possible, accompany the PM to see COMNAVAIR. When PDA12 is unavailable and urgency dictates immediate communication with COMNAVAIR, the PM will brief PDA12 as soon as possible.

7. Specific Interface and Operating Relationships. PMA212 will accomplish the following:

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a. Coordinate appropriate interface segments of the programs with other PM's, coordinators, and other system commands (SYSCOM's) to ensure a totally coordinated Navy effort and to ensure weapon systems integration by establishing and issuing design interface specifications, when required. Unresolved interface problems will be referred directly to PDA12.

b. Maintain active liaison with the cognizant program coordinators in OPNAV and the Secretary of the Navy, as applicable and via chain of command, following the Navy Programming Manual. OPNAV program and resource sponsors include OP-501 and OP-76 for FEWSG Programs; OP-76 for NATO MEWSG Programs; and OP-76 and OP-982 for EW simulation Research, Development, Test and Evaluation (T&E), Navy, including the effectiveness of Naval EW Systems (ENEWS). The NATO MEWSG Program is coordinated and funded through NAVFACENGCOM, as U.S. infrastructure agent for NATO infrastructure programs.

c. Review operational requirements, including inventory objectives established by higher authority for the programs, to ensure timeliness, accuracy, consistency, and compatibility with program plans and funding availability. When the PM cannot resolve inconsistent or incompatible requirements and objectives, the problems will be submitted with the PM's recommendations, in writing, to PDA12 and appropriate higher authority for resolution.

d. Maintain a continuing review of logistic support to ensure such support is compatible with approved program and operating objectives. Where differences exist and cannot be resolved by the PM, the problem and recommended solution will be submitted to the Director, Logistics Management Division (AIR-410) for resolution.

e. Establish, when appropriate, requirements for and monitor the acquisition of special or additional facilities necessary for support of test, evaluation, installation, operation and maintenance. The PM will ensure that facilities planning factor criteria are developed with NAVFACENGCOM (Code 2013) representatives and published in NAVFAC P-80. The PM will ensure requirements for new facilities and for modifications to existing facilities are made known to participating organizations to ensure planning, programming, and construction schedules will be responsive to support of PMA212.

f. Maintain liaison with cognizant personnel at NAVAIR RDT&E activities during system development, developmental T&E, and keep PDA12 and COMNAVAIR informed on the readiness of the systems for operational acceptance for FEWSG use. The PMA will maintain active liaison with cognizant personnel in OPNAV, Operational Test and Evaluation Force, and the Office of the Secretary of Defense on EW RDT&E matters.

g. Keep the Office of the Vice Commander (AIR-09), Military Affairs Officer (AIR-09X) informed of military personnel requirements.

h. Respond to Defense Security Assistance Program (DSAP) requirements and maintain close liaison with the NAVAIRHQ Defense Security Assistance Division (AIR-103), on DSAP matters. The PM will also maintain coordination with the Naval Office of Technology Transfer and Security Assistance (NAVOTTSA) on national release authority issues for NATO or other international procurements.

8. Program Staffing and Organization. The program office will be organized by and will function under direction of the PM. Its proposed organization and staffing requirements are shown in attachment A of this enclosure. Additional billets may be added as approved by higher authority.

9. Participating Organizations

a. All elements of NAVAIRHQ will support the PMA following responsibilities directed in references (c) through (g). The PMA is authorized direct liaison with all NAVAIRHQ divisions and directorates in fulfilling the responsibilities for the FEWSG and NATO MEWSG programs. NAVAIR organizations which provide support are listed in attachment B of this enclosure. Following disagreements, actions directed by the PM will be continued or instituted until resolution.

b. SYSCOM's will support the PMA in consonance with their assigned material support responsibilities.

c. Field activities participating in the program are listed in attachment C of this enclosure. Other activities may be added as required and approved by higher authority. The PMA is authorized direct liaison with all NAVAIRHQ field activities concerned with the programs. Formal work assignments to NAVAIR and non-NAVAIR activities will be coordinated through the appropriate functional organization in NAVAIRHQ, following established procedures (references (d) and (e)).

d. When an official above the PM exercises decision authority on program matters, the decision will be documented with a copy to the PDA, as official program direction to the PM. The official will be held responsible and accountable for the decision, following reference (g).

10. Congressional and Public Information. COMNAVAIR is responsible for coordinating and disseminating public information on the program within the Department of the Navy, to legislative bodies, industry, and to the general public. This responsibility has been delegated to the NAVAIRHQ Congressional and Public Affairs Office (AIR-07D).

11. Resources Assessment

a. The PM will evaluate and document the effect of proposals to increase or decrease resources authorized to execute the program and will determine the effect of proposed changes on approved cost, schedules, procurement plans, and performance objectives. Officials having final decision authority during programming, reprogramming, and budgeting deliberations will consider the PM's evaluation.

b. The PM will inform OPNAV, via chain of command, in any instance where program requirements cannot be completed within available resources and time.

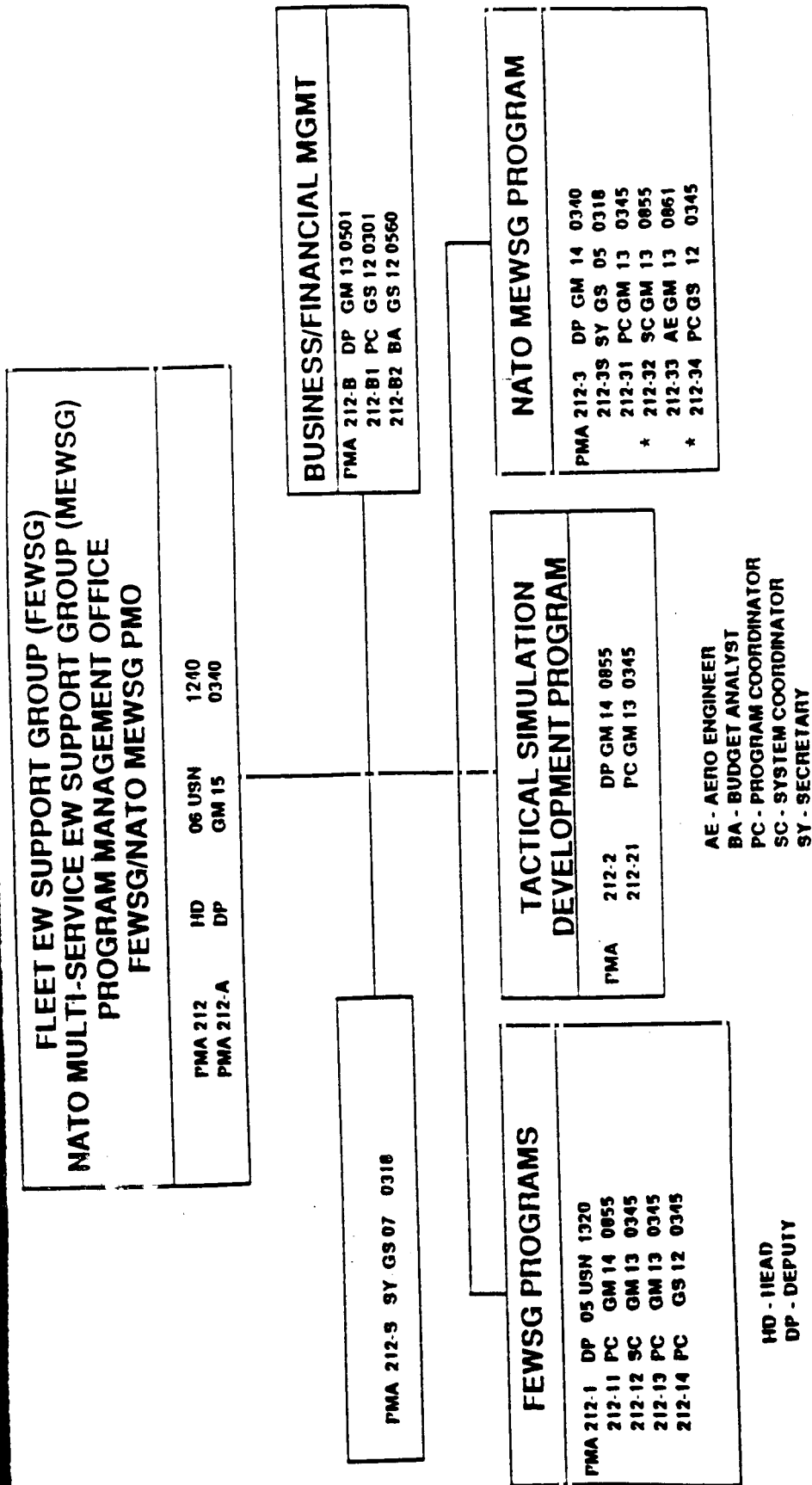


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12. Program Transition or Disestablishment. These programs will be reviewed periodically to determine if objectives have been accomplished. If the review indicates objectives have been or are near completion, the PM will develop a transition plan to ensure a smooth disposition of remaining resources, responsibilities, and functions.



# PMA212 ORGANIZATION



HD - HEAD  
DP - DEPUTY

\* PROPOSED BILLETS

OTHER KEY MANPOWER RESOURCES

<u>Title</u>	<u>Code</u>
Office of Counsel	AIR-00C
Support Aircraft and Weapon Systems Management Program	PMA200
Aviation Training Systems Program	PMA205
Target Systems Program	PMA208
A-6/EA-6 Program	PMA234
Reconnaissance and Electronic Warfare Systems Program	PMA253
Support Aircraft and Aircraft Equipment Contracts Branch	AIR-2151
Electronic Warfare/Mission Branch	AIR-4102
Advanced Support/Competition Requirements Branch	AIR-4112
Land Based Fixed Wing Aircraft Branch	AIR-5114
Proposals Branch	AIR-5221
Aircraft Systems Cost Estimating Branch	AIR-5241
Air Vehicle Division	AIR-530
Electronic Warfare and Radar Branch	AIR-5462
Tactical Embedded Computer Resources Branch	AIR-5466
Support Equipment Division	AIR-552
Comptroller	AIR-08

ACTIVITIES PARTICIPATING IN THE PROGRAM

<u>Activity</u>	<u>Location</u>	<u>Examples of Work</u>
Chief of Naval Operations (OP-501)	Washington, DC	Resource sponsor.
Chief of Naval Operations (OP-982)	Washington, DC	Resource sponsor.
Chief of Naval Operations (OP-76)	Washington, DC	NATO coordination.
Naval Facilities Engineering Command	Washington, DC	NATO resource sponsor.
Commander Fleet Electronic Warfare Support Group	Norfolk, VA	Operational commander.
Naval Sea Systems Command	Washington, DC	Test and evaluation (T&E) requirements.
Navy Technical Intelligence Center	Washington, DC	Intelligence data.
Naval Research Laboratory	Washington, DC	Research development test and evaluation (RDT&E) support.
Naval Avionics Center	Indianapolis, IN	RDT&E and Production.
Pacific Missile Test Center	Point Mugu, CA	RDT&E and Production.
Patuxent River Naval Test Center	Patuxent River, MD	T&E.